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Specification and Execution of Transactional Workflows - Rusinkiewicz, Sheth (1995) (Correct) (66 citations)

Specification and Execution of Transactional Workflows Marek Rusinkiewicz Amit Sheth y

applications are referred to as **transactional workflows**. In this chapter we discuss the specification  
lsdis.cs.uga.edu/lib/./download/RS93.ps

Advanced Transaction Models in Workflow Contexts - Alonso, Agrawal, Abbadi.. (1996) (Correct) (55 citations)

Advanced Transaction Models in **Workflow** Contexts G. Alonso D. Agrawal, A. El Abbadi M.

same issues, however, are the basis for existing **workflow** systems, which are having considerable success among them. Business processes tend to be of long **duration**, involve many users and tools over heterogeneous  
www-ccs.cs.umass.edu/~kamath/icde96.ps

Workflow Handbook - Lawrence (1997) (Correct) (30 citations)

Modeling Data Warehouse Refreshment Process as a **Workflow** Application Mokrane Bouzeghoub

conceptually define the refreshment process as a **workflow** whose activities depend on the available access frequency and a restricted availability **duration**. Finally, there are more constraints on response

SunSITE.Informatik.RWTH-Aachen.DE/Publications/CEUR-WS/Vol-19/paper6.pdf

ConTracts - A Low-Level Mechanism for Building.. - Reuter, Schwenkreis (1995) (Correct) (20 citations)

Low-Level Mechanism for Building General-Purpose **Workflow** Management-Systems Andreas Reuter Friedemann are meanwhile discussed under the heading of "workflow management"2 Critical points In this article, to the requirements for the data model, the long **duration** of **workflow** processes causes special  
ftp.informatik.uni-stuttgart.de/pub/apricots/ps/ReSwe95.ps.Z

INCAs: Managing Dynamic Workflows in Distributed.. - Barbara, Mehrotra.. (1996) (Correct) (20 citations)

INCAs: Managing Dynamic **Workflows** in Distributed Environments Daniel Barbar'a

TX 77204-3475 USA September 6, 1995 Abstract A **workflow** is a long-**duration** multi-step activity. In this  
www.buva.sowi.uni-bamberg.de/ps-Sammlung/literatur/workflowUnterlagen/vortel/barbara.ps.gz

WISE: Business to Business E-Commerce - Alonso, Fiedler, Hagen, Lazcano.. (1998) (Correct) (19 citations)

Thus, one of the objectives of the WISE project (**Workflow** based Interned SErvices) is to develop and

1)Such infrastructure includes an Internet **workflow** engine acting as the underlying distributed about its specification: cost, average **duration**, guarantees, requirements, etc. From this

www.tik.ee.ethz.ch/~weiler/papers/wise\_98.ps

An Authorization Model for Workflows - Atluri, Huang (1996) (Correct) (17 citations)

. An Authorization Model for **Workflows** Vijayalakshmi Atluri and Wei-Kuang Huang

fatluri,waynexh@andromeda.rutgers.edu Abstract. **Workflows** represent processes in manufacturing and t e ]then authorization is valid for a longer **duration** than required (3) if [t b t e ]is within [t f  
cimic.rutgers.edu/~atluri/esorics96.ps

WWW-based Collaboration Environments with Distributed.. - Kaiser, Dossick.. (1997) (Correct) (14 citations)

and individual tasks and the overall process **workflow** application of tools to the artifacts and

for application-specific subweb organization, and **workflow** enactment and cooperative transactions as or permitting relaxations proposed for long-**duration**, interactive, and/or cooperative work [22, 18]

www.cs.columbia.edu/~sdossick/www-journal.ps.gz

INCAS: A Computation Model for Dynamic Workflows in.. - Barbara, Mehrotra.. (1994) (Correct) (13 citations)

INCAS: A Computation Model for Dynamic **Workflows** in Autonomous Distributed Environments Daniel multi-step activity. The task of the **workflow** manager is to automate the execution and the

www.dcc.unicamp.br/~beatriz/mo809/wt/incas.ps

Model Checking for Managers - Janssen, Mateescu, Mauw, Fennema.. (1999) (Correct) (10 citations)

-export to implementation platforms, such as **workflow** management and enterprise resource planning they may even function as a specification of the **workflow** implementations. Many business modeling actors, co-operation, responsibilities, **duration** and so on) The tool Testbed Studio allows for <ftp://win.tue.nl/pub/techreports/sjouke/managers.pdf>

Correctness Issues in Workflow Management - Kamath, Ramamritham (1997) (Correct) (10 citations)  
Correctness Issues in **Workflow Management** x Mohan Kamath and Krithi  
e-mail: fkamath,krithig@cs.umass.edu Abstract. **Workflow Management** is a technique to integrate and [www-ccs.cs.umass.edu/~kamath/DSEJ.ps](http://www-ccs.cs.umass.edu/~kamath/DSEJ.ps)

Knowledge Based Techniques to Increase the Flexibility of.. - Dellen, Maurer, Pews (1997) (Correct) (10 citations)  
Based Techniques to Increase the Flexibility of **Workflow Management** 1 Barbara Dellen, Frank Maurer,  
Keywords Ad-hoc **workflow**, flexible **workflows**, traceability, project  
be analyzed prior to execution, and where the **duration** of co-operation is typically very long. In a [www.agr.informatik.uni-kl.de/~comokit/Publications/CoMoKitOverview.ps.gz](http://www.agr.informatik.uni-kl.de/~comokit/Publications/CoMoKitOverview.ps.gz)

Dynamic Workflow Schema Evolution based on Workflow Type.. - Kradolfer, Geppert (1998) (Correct) (9 citations)  
1 Dynamic **Workflow Schema Evolution** based on **Workflow Type**  
1 Dynamic **Workflow Schema Evolution** based on **Workflow Type Versioning and Workflow Migration Revised**  
<ftp://ifi.unizh.ch/pub/techreports/TR-98/ifi-98.02.ps.gz>

Event Composition in Time-dependent Distributed Systems - Liebig, Cilia, Buchmann (1999) (Correct) (9 citations)  
interesting application systems, ranging from **workflow** management and CSCW to air traffic control, are environments [4,23,20,13] Applications like **workflow** management [7,19,14] CSCW [5] and monitoring events to trigger actions, the need to measure **duration** of activities, and the detection and composition [www.informatik.th-darmstadt.de/DVS1/forschung/publications/coopis99.ps.gz](http://www.informatik.th-darmstadt.de/DVS1/forschung/publications/coopis99.ps.gz)

Caltech Infospheres Project Overview: Information.. - Mani Chandy (1996) (Correct) (9 citations)  
has its own organizational, information, and **workflow** structures that coexist with those of AFOSR. In and has its own organizational, informational and **workflow** structures that coexist with the existing univerisities. Health Delivery Systems. The **duration** of the relationships between groups of patients, [www.infospheres.caltech.edu/papers/infosummary/infosummary.ps.Z](http://www.infospheres.caltech.edu/papers/infosummary/infosummary.ps.Z)

Usability of Some Workflow Products in an.. - Juopperi.. (1995) (Correct) (9 citations)  
Usability of Some **Workflow Products** in an Inter-organizational Setting J.  
jari.veijalainen,aija.sladekg@vtt.fi Abstract **Workflow** techniques have gained plenty of attention [www.vtt.fi/tte/projects/transcoop/publications/ifip95.ps](http://www.vtt.fi/tte/projects/transcoop/publications/ifip95.ps)

Enveloping Sophisticated Tools into Process-Centered.. - Valetto, Kaiser (1996) (Correct) (8 citations)  
applications. Keywords: Tool integration, **workflow**, computer-supported cooperative work, the tools according to their roles in the **workflow**. We identify three categories of integration tool instance as "persistent" with respect to the **duration** of the activities submitted under the MTP [ftp.cs.columbia.edu/pub/marvel/CUCS-022-95.ps.gz](http://ftp.cs.columbia.edu/pub/marvel/CUCS-022-95.ps.gz)

Software Process Validation: Quantitatively Measuring the.. - Cook, Wolf (1996) (Correct) (8 citations)  
model and a process execution. In addition, the **workflow** community has long recognized the need to allow thus, certain activities that are of short **duration** relative to the analyses that are being done can [www.cs.nmsu.edu/~jcook/papers/vjournal.ps.gz](http://www.cs.nmsu.edu/~jcook/papers/vjournal.ps.gz)

Inter-Enterprise Collaborative Business Process Management - Qiming Chen Meichun (2000) (Correct) (6 citations)  
cooperative process management Conventional **workflow** systems are primarily designed for process is not handled by a centralized **workflow** engine, but by multiple CPMs, each represents a dynamically and maintained only for the required **duration** such as a single transaction. E-commerce [www.hpl.hp.com/techreports/2000/HPL-2000-107.pdf](http://www.hpl.hp.com/techreports/2000/HPL-2000-107.pdf)

Time Management in Workflow Systems - Johann Eder Euthimios (1999) (Correct) (6 citations)  
Time Management in **Workflow Systems** Johann Eder 1 Euthimios Panagos AT&T  
misha@research.att.com Abstract Management of **workflow** processes is more than just enactment of process [www.ifi.uni-klu.ac.at/Publications/pubfiles/psgzfiles/1999-0004-EPPR.ps.gz](http://www.ifi.uni-klu.ac.at/Publications/pubfiles/psgzfiles/1999-0004-EPPR.ps.gz)

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1 [Reengineering a business process with an innovative workflow management system: a case study](#) 

A. Agostini, G. de Michelis, M. A. Grasso, S. Patriarca

December 1993 **Proceedings of the conference on Organizational computing systems**Full text available:  [pdf\(1.23 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**Keywords:** communication system, computer-supported cooperative work, conversation, groupware, office routine, transaction cost, work process, workflow management system

2 [Workshop on software engineering decision support: processes: A policy-based resource instantiation mechanism to automate software process management](#) 

Carla A. Lima Reis, Rodrigo Quites Reis, Heribert Schlebke, Daltro J. Nunes

July 2002 **Proceedings of the 14th international conference on Software engineering and knowledge engineering**

Full text available:  [pdf\(478.22 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Process-Centered Software Engineering Environments (PSEEs) deal with activities that demand specialized personnel and limited resources. Characteristics about required resources and people (and their dynamic availability) are used by software process instantiation phase to define process allocation strategies. However, most of existing PSEEs do not allow precise resource specification, and the instantiation is often based on the knowledge of a process designer, mostly without automated support. ...

**Keywords:** policies, process-centered software engineering environments, resource allocation, software process instantiation

3 [Research sessions: potpourri: Workflow management with service quality guarantees](#) 

Michael Gillmann, Gerhard Weikum, Wolfgang Wonner

June 2002 **Proceedings of the 2002 ACM SIGMOD international conference on Management of data**

Full text available:  [pdf\(1.29 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Workflow management systems (WFMS) that are geared for the orchestration of business processes across multiple organizations are complex distributed systems: they consist of

multiple workflow engines, application servers, and communication middleware servers such as ORBs, where each of these server types can be replicated on multiple computers for scalability and availability. Finding an appropriate system configuration with guaranteed application-specific quality of service in terms of throughput ...

#### 4 A configuration management approach for large workflow management systems

Hans Schuster, Jens Neeb, Ralf Schamburger

March 1999 **ACM SIGSOFT Software Engineering Notes, Proceedings of the international joint conference on Work activities coordination and collaboration**, Volume 24 Issue 2

Full text available:  pdf(1.38 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Scalability to large, heterogeneous, and distributed environments is an important requirement for workflow management systems (WfMS). As a consequence, the management of the configuration of a WfMS installation becomes a key issue. This paper proposes an approach for managing the configuration of WfMS together with an assignment strategy for workflow instances. Separating the logical issues of the workflow model from the physical configuration of a WfMS is the basis of our strategy. A formalizat ...

**Keywords:** configuration, scalability, workflow management system

#### 5 Flexible specification of workflow compensation scopes

Weimin Du, Jim Davis, Ming-Chien Shan

November 1997 **Proceedings of the international ACM SIGGROUP conference on Supporting group work : the integration challenge: the integration challenge**

Full text available:  pdf(1.18 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** compensation, compensation scope, workflow

#### 6 Abstraction-based intrusion detection in distributed environments

Peng Ning, Sushil Jajodia, Xiaoyang Sean Wang

November 2001 **ACM Transactions on Information and System Security (TISSEC)**, Volume 4 Issue 4

Full text available:  pdf(590.61 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Abstraction is an important issue in intrusion detection, since it not only hides the difference between heterogeneous systems, but also allows generic intrusion-detection models. However, abstraction is an error-prone process and is not well supported in current intrusion-detection systems (IDSs). This article presents a hierarchical model to support attack specification and event abstraction in distributed intrusion detection. The model involves three concepts: *system view*, *signature* ...

**Keywords:** Cooperative information systems, heterogeneous systems, intrusion detection, misuse detection

#### 7 Workflow history management

Pinar Koksal, Sena Nural Arpinar, Asuman Dogac

March 1998 **ACM SIGMOD Record**, Volume 27 Issue 1

Full text available:  pdf(238.54 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

A workflow history manager maintains the information essential for workflow monitoring and data mining as well as for recovery and authorization purposes. Certain characteristics of workflow systems like the necessity to run these systems on heterogeneous, autonomous and distributed environments and the nature of data, prevent history management in workflows to be handled by the classical data management techniques like distributed DBMSs. We further demonstrate that multi-database query processin ...

**8 Components: A component-based application framework for manufacturing execution systems in C# and .NET** 

Reinhard Füricht, Herbert Prähofer, Thomas Hofinger, Josef Altmann

February 2002 **Proceedings of the Fortieth International Conference on Tools Pacific: Objects for internet, mobile and embedded applications - Volume 10**

Full text available:  pdf(1.12 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper describes the design and realization of a component-based application framework to develop Manufacturing Execution Systems (MES). Manufacturing Execution Systems (MES) are a recently defined category of industrial software for the plant floor/manufacturing environment. The overall goal has been to enable the development of MES software systems by composition and extensions of prefabricated building blocks. The framework-based development of MES applications guarantees significant redu ...

**Keywords:** .NET framework, C# language, application frameworks, component-based software development, manufacturing execution systems, workflow modelling

**9 Concurrency control: methods, performance, and analysis** 

Alexander Thomasian

March 1998 **ACM Computing Surveys (CSUR)**, Volume 30 Issue 1

Full text available:  pdf(427.18 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** Markov chains, adaptive methods, concurrency control, data contention, deadlocks, flow diagrams, load control, optimistic concurrency control, queueing network models, restart-oriented locking methods, serializability, thrashing, two-phase locking, two-phase processing, wait depth limited methods

**10 A gaze contingent environment for fostering social attention in autistic children** 

Rameshsharma Ramloll, Cheryl Trepagnier, Marc Sebrechts, Andreas Finkelmeyer

March 2004 **Proceedings of the Eye tracking research & applications symposium on Eye tracking research & applications**

Full text available:  pdf(334.06 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper documents the engineering of a gaze contingent therapeutic environment for the exploration and validation of a proposed rehabilitative technique addressing attention deficits in 24 to 54 months old autistic subjects. It discusses the current state of progress and lessons learnt so far while highlighting the outstanding engineering challenges of this project. We focus on calibration issues for this target group of users, explain the architecture of the system and present our general wo ...

**Keywords:** attention, autism, design workflow, eye tracker calibration, gaze contingent environment

**11 Requirements interaction management** 

Full text available: [pdf\(1.24 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Requirements interaction management (RIM) is the set of activities directed toward the discovery, management, and disposition of critical relationships among sets of requirements, which has become a critical area of requirements engineering. This survey looks at the evolution of supporting concepts and their related literature, presents an issues-based framework for reviewing processes and products, and applies the framework in a review of RIM state-of-the-art. Finally, it presents seven research ...

**Keywords:** KAOS, KATE, Oz, Requirements engineering, Telos, WinWin, analysis and design, composite system, deficiency driven design, dependency analysis, distributed intentionality, interaction analysis, software cost reduction (SCR), system architecture, system specification, viewpoints

**12 Efficient transparent application recovery in client-server information systems**

David Lomet, Gerhard Weikum

June 1998 **ACM SIGMOD Record, Proceedings of the 1998 ACM SIGMOD international conference on Management of data**, Volume 27 Issue 2

Full text available: [pdf\(1.62 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Database systems recover persistent data, providing high database availability. However, database applications, typically residing on client or "middle-tier" application-server machines, may lose work because of a server failure. This prevents the masking of server failures from the human user and substantially degrades application availability. This paper aims to enable high application availability with an integrated method for database server recovery and transaction ...

**13 Mobility: Designing for loose coupling in mobile groups**

David Pinelle, Carl Gutwin

November 2003 **Proceedings of the 2003 international ACM SIGGROUP conference on Supporting group work**

Full text available: [pdf\(269.96 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Loose coupling is a common way of organizing collaboration in work groups, but it has not been studied extensively in CSCW. In this paper, we consider the patterns of work that are seen in mobile groups that adopt a loosely coupled collaboration style. We report findings from interviews and fieldwork with teams of workers who deliver home healthcare services. In these teams, workers are mobile, widely dispersed, and autonomous, and team members communicate with each other only intermittently. Ba ...

**Keywords:** groupware design, loose coupling, loosely coupled mobility, mobility

**14 Event-based detection of concurrency**

Jonathan E. Cook, Alexander L. Wolf

November 1998 **ACM SIGSOFT Software Engineering Notes, Proceedings of the 6th ACM SIGSOFT international symposium on Foundations of software engineering**, Volume 23 Issue 6

Full text available: [pdf\(1.16 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Understanding the behavior of a system is crucial in being able to modify, maintain, and improve the system. A particularly difficult aspect of some system behaviors is concurrency. While there are many techniques to specify intended concurrent behavior, there are few, if

any, techniques to capture and model actual concurrent behavior. This paper presents a technique to discover patterns of concurrent behavior from traces of system events. The technique is based on a probabilistic analysis of th ...

## 15 Developing multiagent systems: The Gaia methodology

Franco Zambonelli, Nicholas R. Jennings, Michael Wooldridge

July 2003 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,

Volume 12 Issue 3

Full text available:  [pdf\(346.49 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Systems composed of interacting autonomous agents offer a promising software engineering approach for developing applications in complex domains. However, this *multiagent system* paradigm introduces a number of new abstractions and design/development issues when compared with more traditional approaches to software development. Accordingly, new analysis and design methodologies, as well as new tools, are needed to effectively engineer such systems. Against this background, the contribution ...

**Keywords:** Multiagent systems, agent-oriented software engineering, analysis and design methodologies, distributed systems, software architectures

## 16 Two-Handed Interaction: Creating principal 3D curves with digital tape drawing

Tovi Grossman, Ravin Balakrishnan, Gordon Kurtenbach, George Fitzmaurice, Azam Khan, Bill Buxton

April 2002 **Proceedings of the SIGCHI conference on Human factors in computing systems: Changing our world, changing ourselves**

Full text available:  [pdf\(943.56 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Previous systems have explored the challenges of designing an interface for automotive styling which combine the metaphor of 2D drawing using physical tape with the simultaneous creation and management of a corresponding virtual 3D model. These systems have been limited to only 2D planar curves while typically the principal characteristic curves of an automotive design are three dimensional and non-planar. We present a system which addresses this limitation. Our system allows a designer to const ...

**Keywords:** 3D modeling, interaction techniques, large scale displays, tape drawing, two-handed interaction

## 17 Modeling business processes with simulation tools

Bruce Gladwin, Kerim Tumay

December 1994 **Proceedings of the 26th conference on Winter simulation**

Full text available:  [pdf\(684.42 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

## 18 Software process validation: quantitatively measuring the correspondence of a process to a model

Jonathan E. Cook, Alexander L. Wolf

April 1999 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,

Volume 8 Issue 2

Full text available:  [pdf\(267.69 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

To a great extent, the usefulness of a formal model of a software process lies in its ability to accurately predict the behavior of the executing process. Similarly, the usefulness of an

executing process lies largely in its ability to fulfill the requirements embodied in a formal model of the process. When process models and process executions diverge, something significant is happening. We have developed techniques for uncovering and measuring the discrepancies between models and executio ...

**Keywords:** balboa, process validation, software process, tools

**19** [Computing curricula 2001](#)

September 2001 **Journal on Educational Resources in Computing (JERIC)**

Full text available: [!\[\]\(8b57f0e15e7dda24cf9977561475f640\_img.jpg\) pdf\(613.63 KB\)](#)

[!\[\]\(4cafc60cd39da821525d7c6589540296\_img.jpg\) html\(2.78 KB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



**20** [Agents that buy and sell](#)

Pattie Maes, Robert H. Guttman, Alexandros G. Moukas

March 1999 **Communications of the ACM**, Volume 42 Issue 3

Full text available: [!\[\]\(ac13c516668a3b529e385da83084b241\_img.jpg\) pdf\(828.21 KB\)](#)

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## 1 Timed workflow: concept, model, and method

*Hai Zhuge; Pung, H.K.; Cheung, T.Y.;*

Web Information Systems Engineering, 2000. Proceedings of the First International Conference on, Volume: 1, 19-21 June 2000

Pages:183 - 189 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(512 KB\)\]](#) **IEEE CNF**

## 2 Dynamic verification of temporal constraints in production workflows

*Marjanovic, O.;*

Database Conference, 2000. ADC 2000. Proceedings. 11th Australasian, 31 Jan.-3 Feb. 2000

Pages:74 - 81

[\[Abstract\]](#) [\[PDF Full-Text \(80 KB\)\]](#) **IEEE CNF**

## 3 Free schedules for free agents in workflow systems

*Bettini, C.; Wang, X.S.; Jajodia, S.;*

Temporal Representation and Reasoning, 2000. TIME 2000. Proceedings. Seventh International Workshop on, 7-9 July 2000

Pages:31 - 37

[\[Abstract\]](#) [\[PDF Full-Text \(236 KB\)\]](#) **IEEE CNF**

## 4 Time Petri nets for workflow modelling and analysis

*Sea Ling; Schmidt, H.;*

Systems, Man, and Cybernetics, 2000 IEEE International Conference on, Volume: 4, 8-11 Oct. 2000

Pages:3039 - 3044 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(508 KB\)\]](#) [IEEE CNF](#)

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**5 A workflow and agent based platform for service provisioning**

*Shrivastava, S.K.; Bellissard, L.; Feliot, D.; Herrmann, M.; de Palma, N.; Wheater, S.M.;*

Enterprise Distributed Object Computing Conference, 2000. EDOC 2000.

Proceedings. Fourth International , 25-28 Sept. 2000

Pages:38 - 47

[\[Abstract\]](#) [\[PDF Full-Text \(1032 KB\)\]](#) [IEEE CNF](#)

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**6 ARVIKA-augmented reality for development, production and service**

*Friedrich, W.;*

Mixed and Augmented Reality, 2002. ISMAR 2002. Proceedings. International Symposium on , 30 Sept.-1 Oct. 2002

Pages:3 - 4

[\[Abstract\]](#) [\[PDF Full-Text \(258 KB\)\]](#) [IEEE CNF](#)

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**7 Confirmation: a solution for non-compensatability in workflow applications**

*Chengfei Liu; Orlowska, M.; Xiao Zhou; Xuemin Lin;*

Data Engineering, 1999. Proceedings., 15th International Conference on , 23-26

March 1999

Pages:102

[\[Abstract\]](#) [\[PDF Full-Text \(188 KB\)\]](#) [IEEE CNF](#)

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**8 Supporting cooperative work based on the semantics of workflows**

*Xu, H.; Furukawa, T.; Shi, Y.;*

Database Applications in Non-Traditional Environments, 1999. (DANTE '99)

Proceedings. 1999 International Symposium on , 1999

Pages:366 - 369

[\[Abstract\]](#) [\[PDF Full-Text \(140 KB\)\]](#) [IEEE CNF](#)

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**9 A study of least privilege in CapBasED-AMS**

*Hung, P.C.K.; Karlapalem, K.; Gray, J.W., III.;*

Cooperative Information Systems, 1998. Proceedings. 3rd IFCIS International Conference on , 20-22 Aug. 1998

Pages:208 - 217

[\[Abstract\]](#) [\[PDF Full-Text \(120 KB\)\]](#) [IEEE CNF](#)

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19. [Integrated Concepts, Inc.](#) ... the parent's, expected **duration** of the individual **workflow** steps, and a description ... and judges the plan's co [www.integratedconcepts.com/mec1.html](http://www.integratedconcepts.com/mec1.html) - 15k - Cached
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... to evaluate the performances of the **workflow** considered. ... of emergencies and hospitalised  
; • Mean total **duration** for an ... see that from 5 the **threshold** of the ...

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... **workflow** keeping the cost below **threshold** Don't ... Example: House Construction Workflow  
The budget should ... longer than the given **duration** Different companies ...

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... Instance Fragmentation In a normal case, each **workflow** instance is processed by a single ... instances where n is the number of servers, and the **duration** of every ...

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... matches the requirements within an acceptable **threshold**. ... priority [0]

INTER\_ATTRIBUTE\_CONSTRAINT iac1: **duration** >4 implies ... 7 Workflow Engine would contact ...

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... repair cost is only a little bit in excess of the **threshold** and on ... dimension time are the **duration** of an activity or the **duration** of the overall **workflow**. ...

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... Max **duration** is 1 second; Min **duration** is 1/64 ... Tuned confidence **threshold** and number of events recorded to allow ... Directed Acyclic Graph describes **workflow**. ...

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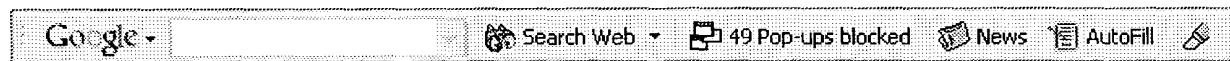
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